

Information Management

Project Status Report

June 13, 2006

Introduction

- ◆ Workflow
- ◆ CST Applications
- ◆ TAP
- ◆ Remedy
- ◆ Leave/Travel
- ◆ DocDB
- ◆ Conference/Meeting Management
- ◆ Organization Maintenance
- ◆ Completed Tasks
- ◆ New Responsibilities
- ◆ IM Project List in Plone

Workflow Tool

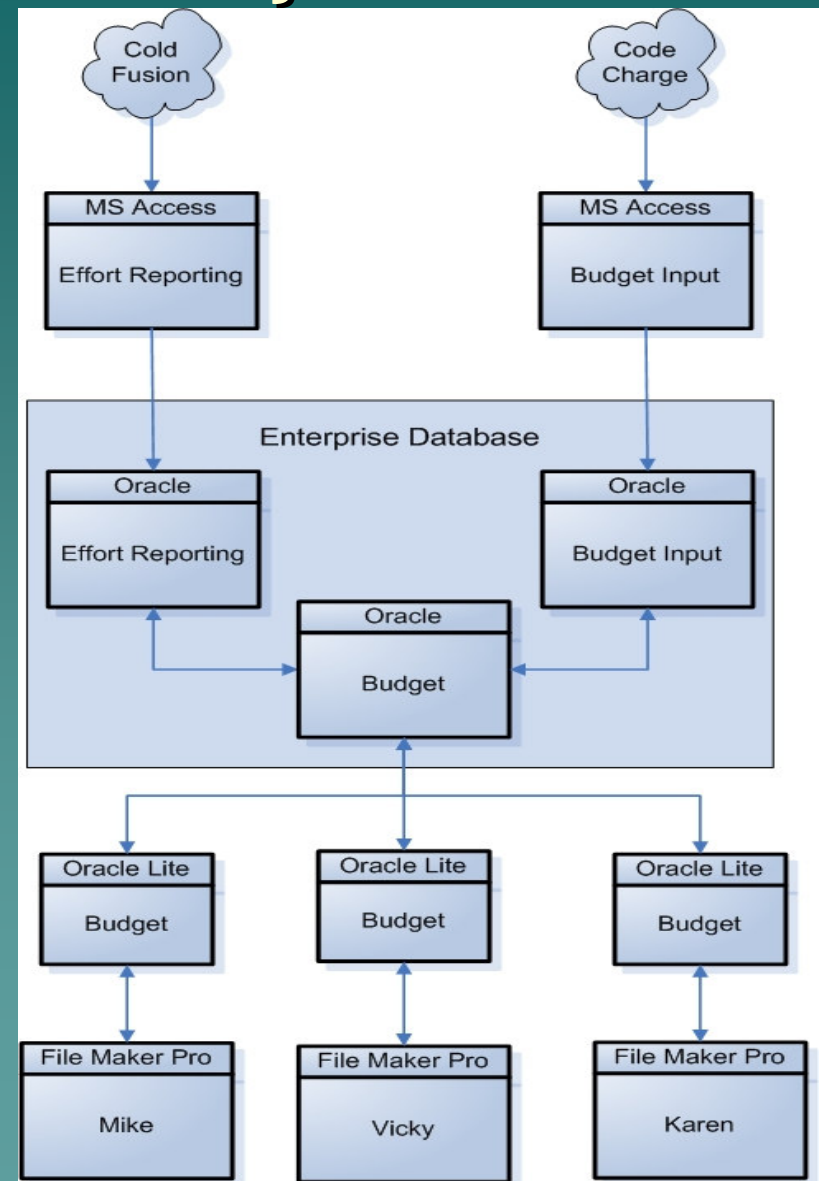
- ◆ AlphaFlow selected.
 - Plone plug-in
 - Open source
 - Supports all known workflow processes
 - XML based rules
 - Training
- ◆ Pilot: Leave/Travel requests
- ◆ Potential replacement for Matrix

CST Applications

- ◆ FCIRT Ticket Tracking
 - Remedy-based
 - StrataCom Consulting
 - Email tracking portion is being tested
- ◆ Risk Analysis
 - Maintenance screens in production
 - Questionnaire progressing well

Task, Activities & Projects


- ◆ Responsibility transferred to the IDS group
- ◆ Effort Reporting and Budget Input data syncing (one-way) from MS Access to Oracle repository
- ◆ Eliminate MS Access after the FY2007 budget input process
- ◆ Redesign if sufficient resources are available
- ◆ Oracle Workbench – a tool to convert non-Oracle databases to Oracle



Remedy

- ◆ In sync with Footprints @ IU
 - Many thanks to Stan
- ◆ Rebuilding the HD form and CGI
 - Reorganizing the PTIs for better metrics
 - Automatic assignment based on PTI
 - Automated email processing to ease workload on helpdesk personnel
 - CGI to run on the central web server and it will not rely on any DB
- ◆ May revive the Knowledgebase
- ◆ Interface with MISJOB

Leave / Travel

- ◆ First application to use AlphaFlow, which has slowed development while we traverse the learning curve
 - ◆ Phase I (simple leave requests) in user testing
 - ◆ Phase II (domestic travel) in beta testing
 - ◆ Use of Fermilab KCA Certificates is still an issue for some
- 
- A stylized, dark teal silhouette of a mountain range is positioned in the bottom right corner of the slide, partially overlapping the bottom edge of the text area.

Leave/Travel Requests

Leave Usage Request System

Matthew Arena

[New Request](#)

[Personal Archived Requests](#)

[CD/CSS/IDS Archived Requests](#)

[AlphaFlow Page](#)

[Create Leave Request For Others](#)

View Calendars

[Personal](#)

[CD/CSS/IDS](#)

[CD/CSS](#)

[CD](#)

Pending Leave Request List

<u>Submit?</u>	<u>Status</u>	<u>Date</u>		<u>Delete?</u>
<input type="checkbox"/>	04/27/06	05/01/06 - 05/12/06	Vacation	<input type="checkbox"/>
	Submitted on 05/17/06	05/22/06	Vacation	<input type="checkbox"/>
	Submitted on 05/23/06	05/29/06 - 05/31/06	Jury Duty	<input type="checkbox"/>
<input type="checkbox"/>	04/27/06	06/01/06 - 06/05/06	Business	<input type="checkbox"/>

Process Change

view

workflow

actions

state: visible

Many users of this page will be using the workflow menu, above and to the right of the title bar.

Leave Req. for Norman Ho, 20-JUN-06

Workflow proxy object for the item linked here

Absent Contact

Requester Comment

Start Date End Date Leave Type

20-JUN-06 20-JUN-06 PERSONAL :: Business

Previous

Next

June 2006

Monday	Tuesday	Wednesday	Thursday	Friday
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30

* P: Pending Request Without Approval

* Leave Types:

Personal Leave

Domestic Business

Foreign Business

B: Business

DC: Conference

FC: Conference

DIF: Death In Family

DM: Meeting

FM: Meeting

FH: Floating Holiday

DW: Workshop

FW: Workshop

DocDB

- ◆ Code moved to SourceForge – issue tracking, feature request tracking
- ◆ 8 New instances of DocDB
 - CD, Dark Energy Survey, LArTPC, MINOS, MINERvA,, NFMCC, NOVA, Fermilab Projects
- ◆ New Features
 - cross-searching on other DocDB installations
 - Google-like search function
 - Calendar of events
 - Many changes to meeting administration (as a result of feedback from Admin group)

DocDB

◆ Issues

– Scalability

- ◆ each instance requires its own virtual host
- ◆ each instance has its own set of configuration files

– Long-term Support

– Certificate use

- ◆ many, particularly those from outside CD, are resistant to the possibility of requiring certificate authentication

DocDB

◆ Future Plans

- Arbitrary topic hierarchies
- A DocDB Working Group has been formed to evaluate further needs

Conference/Meeting Management

◆ SPMS

- Registration module completed and in use at EPAC06
- Still no good documentation
 - ◆ CERN hopes to start this after EPAC06
 - ◆ perhaps CDO can contribute

◆ InDiCo

- CD is running an instance for Fermilab
- Investigating integration with DocDB

◆ How do we interest the PPD Conference Office?

Organization Maintenance

- ◆ Used by AlphaFlow to determine workflow and alternate approvers
 - ESHTRK used to determine Organizational Roles
 - MISCOMP used to determine Functional Roles
 - ◆ Budget Officer, Safety Officer
- ◆ ESHTRK
 - Tracks deputy, associates and assistants
 - Tracks organization type
 - Tracks parenthetical membership
 - Online org chart reflect new features
 - Export to Org Chart Plus software
 - Syncs to MISCOMP
 - Example ESHTRK Organization Chart
- ◆ Precursor for replacing Matrix

Miscellaneous

- ◆ Capture and track Grid certificates for authentication in addition to Fermilab KCA certificates
- ◆ EquipDB updates for CDF
- ◆ Automation of User Accounts
 - creation and termination of accounts
 - CST SysAdminDB
 - subscribe/unsubscribe to/from group level mailing lists based on Org Chart

Completed Tasks

Not a Complete List

- ◆ Oracle iAS upgrade and migration
 - iAS 10g
 - New hardware, separated from DB
- ◆ PL/SQL API wrapper
 - Python, Java & Perl
- ◆ Remote accounts
- ◆ Support for multiple VOs (IU)
- ◆ User DB conversion to Oracle

New Responsibilities

- ◆ System Status Page framework
- ◆ DocDB
 - Administration still with CDO
 - Integration with InDiCo
 - Integration with SPMS
- ◆ Budget Input Application
- ◆ Effort Reporting